
Subject: Re: array subscripting problem

Posted by [David Fanning](#) on Mon, 11 Apr 2005 13:38:10 GMT

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Martin Doyle writes:

> I've got a gridded dataset and I'm searching the grid trying to find
> those points which have a certain value. Once I've found this point, I
> want to check all points around it to see if they have the same value
> plus a little bit. This is what I've come up with:

```
>  
> If (data(i,j,k) GE p) THEN begin  
>  
>   cd = data(i,j,k)  
>  
>   If (ABS(cd-data[i-1,j-1,k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i, j-1,k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i+1,j-1,k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i-1,j, k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i+1,j, k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i-1,j+1,k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i, j+1,k]) LE mg) then f = f+1  
>   If (ABS(cd-data[i+1,j+1,k]) LE mg) then f = f+1
```

```
>  
>   endif  
>  
> However, array subscripting with negative numbers isn't allowed by  
> IDL.  
>  
> Has anyone any ideas how I might get around this?
```

```
array[0 > j]
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
